19970821.qrp v00_n825.qrs.970821

>From ???@??? Fri Aug 22 07:18:31 1997
Date: Thu, 21 Aug 1997 19:03:10 EDT
Subject: QRP-L digest 825
Message-Id: <97Aug21.190401edt.35066-48284+143@fidoii.cc.Lehigh.EDU>

QRP-L Digest 825

Topics covered in this issue include:

  1) [25248] Re: CW procedures: How long to listen?
     by Dave Sjolin <sjolin@swbell.net>
  2) [25249] Re: Caveat Emptor
     by n4js@amsat.org
  3) [25250] Re: CW procedures: How long to listen?
     by Ed Loranger <we6w@qsl.net>
  4) [25251] Re: CW procedures: How long to listen?
     by "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
  5) [25252] Curry Communications/Dave Curry
     by doug hauff <slmachco@fix.net>
  6) [25253] Re: Centennial
     by "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
  7) [25254] SD-20 Poles
     by Bob Hightower <ki7mn@dancris.com>
  8) [25255] Re: Technical Books for the blind
     by Mike Duke <K5xu@cris.com>
  9) [25256] WBL Design Iambic Paddles
     by aa8yo@tir.com (aa8yo)
 10) [25257] DX-70 question (not qrp)
     by "William R. Moore" <wr.moore@worldnet.att.net>
 11) [25258] 50/40/30 Louisiana Log
     by "Brian L. Lewis" <76500.1621@CompuServe.COM>
 12) [25259] RE: Curry Communications/Dave Curry
     by n4js@amsat.org
 13) [25260] 38s It's Running!! Need Help
     by Greg Newberry <newberry@cyberhighway.net>
 14) [25261] Re: CW procedures: How long to listen?
     by gsurrency@juno.com (Gary L L Surrency)
 15) [25262] St Loius Vertical
     by D Limbrick <DAVLIM@xtra.co.nz>
 16) [25263] Curry Communications/Truth
     by doug hauff <slmachco@fix.net>
 17) [25264] Re: odd Sierra problems
     by "Hugo W. Catta" <catta@ibm.net>
 18) [25265] Re: DX-70 question (not qrp)
     by David.Reid@asml.nl (David Reid)
 19) [25266] Inductor !

    by ROYGREGSON@aol.com
20) [25267] Re: odd Sierra problems
    by Ken Lopez <kjlopez@earthlink.net>
21) [25268] FS:TAC-1 40 mtrs ($175)
    by Greg Buhyoff <buhyoff@vt.edu>
22) [25269] Re: Curry Communications/Truth
    by Bob Hirsch <bobh@p3.net>
23) [25270] Tone Encoder for KDK FM-240
    by Derek Brown <DBrown@RFMD.COM>
24) [25271] Feeding EDZs
    by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
25) [25272] Re: 38s It's Running!! Need Help
    by Greg Newberry <newberry@cyberhighway.net>
26) [25273] Re: Centennial
    by Ed Pacyna <pacyna@auratek.com>
27) [25274] Re: 38s It's Running!! Need Help
    by "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
28) [25275] CQC SUMMER QSO PARTY
    by Dick Schneider <rschneid@ix.netcom.com>
29) [25276] Re: Curry Communications/Truth
    by Roger Hightower <n7kt@dancris.com>
30) [25277] SD-20 Poles
    by Bob Hightower <ki7mn@dancris.com>
31) [25278] Re: DX-70 question (not qrp)
    by Alan Kaul <kaul@netcom.com>
32) [25279] Re: DX-70 question (not qrp)
    by Chris Cartwright <ccart@dns.vidtel.com>
33) [25280] NE 602 info
    by FAITHD@dnr.state.wi.us (Don C. Faith III, AM/7, \(608\) 267-3135)
34) [25281] QRPing the DX-70T
    by Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
35) [25282] TAC-1 ** SOLD **
    by Greg Buhyoff <buhyoff@vt.edu>
36) [25283] Re: Tone Encoder for KDK FM-240
    by w4bws@juno.com (Donald E Sanders)
37) [25284] SA/SA update
    by Steven Weber <kd1jv@moose.ncia.net>
38) [25285] Re: Any Airforce Vets ??
    by rerobins@unccvm.uncc.edu (Rick Robinson)
39) [25286] I'm Sorry...
    by doug hauff <slmachco@fix.net>
40) [25287] 7.038MHZ Beacon
    by Christopher Moore <christopher.moore@snet.net>
41) [25288] Dan's Small Parts
    by kd4kzq@juno.com (Jim A Norsworthy)
42) [25289] CW Speed help:
    by "j.w. thornton" <dub@oklahoma.net>
43) [25290] Re: Dan's Small Parts

    by n4js@amsat.org
 44) [25291] WBL Design Paddles
    by aa8yo@tir.com (aa8yo)
 45) [25292] Beacons
    by adams@chuck.dallas.sgi.com (Chuck Adams)
 46) [25293] Re: NE 602 info
    by Ed Loranger <we6w@qsl.net>
 47) [25294] RE: 7.038MHZ Beacon
    by pthomson@bruderhof.com
 48) [25295] Re: CW procedures: How long to listen?
    by phreique@juno.com
 49) [25296] RE: MFJ-949E Versa Tuner
    by Brad Mugleston <bmug@gwl.com>
 50) [25297] Digimodes in CW subbands
    by Werner Jochem <Werner.Jochem@hoexter.netsurf.de>
 51) [25298] tnx-Dan's
    by kd4kzq@juno.com (Jim A Norsworthy)
 52) [25299] info needed
    by David Clemons <dave@egh.com>
 53) [25300] [BUBBA] Local WX Websites
    by Joe Gervais <vole@primenet.com>
 54) [25301] "Altoids" box rigs??
    by Sandy W5TVW <ebjr@worldnet.att.net>
 55) [25302] Re: info needed
    by Ed Loranger <we6w@qsl.net>
 56) [25303] Altoids Big Tin!?
    by chunt@macromedia.com (Christian Hunt)
 57) [25304] 9v Alkaline battery equivalent
    by Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>

Date: Wed, 20 Aug 1997 17:59:45 -0500
From: Dave Sjolin <sjolin@swbell.net>
To: rerobins@unccvm.uncc.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [25248] Re: CW procedures: How long to listen?
Message-ID: <33FB76E1.4E86@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rick Robinson wrote:
>
> Last night, Tuesday 8/19, I was listening to a fellow QRPer calling CQ
> QRP, nice 579 signal, little QRM or QRN here. He sends his "K", I start
> calling him. Before I can send 3 of the 4 letters of his call, I can hear
> him calling CQ again. So I wait and try again ... same thing. In fact I

> hear other folks calling him too. Third time, same thing. So I start
> timing the pauses between his "K" and the next CQ. It's no more than 3-5
> seconds at the very most. The few folks he is working are getting good
> signal reports from him, so he must be working strong signals that he can
> immediately hear without any effort.
>

Hi Rick, while he may not be making an effort, I think it is just as likely that he can't hear anything on frequency. It doesn't take forever to determine whether or not stations are calling. Three to five seconds is adequate under good condx.

He may have QRN, QRM or my guess, line noise which is making it impossible for him to hear anything but the top level stations. For example, here in St. Louis, there is a well known 160 meter contest station that can't hear half of the stations calling
them throughout the contest because of S9 line noise.

> When I call CQ I turn the bandwidth wide open on my Sierra and even tune
> around with the RIT just in case I may be missing someone. I find this
> works for me as I've worked lots of stations that I would've missed with
> the selectivity set fairly sharp. May not work for everyone.
>

When I call cq, I open the bandwidth to 2.2 khz. I might tune the RIT +/- one khz but on
the other hand I might not. Usually if a station can't get his frequency within two
khz of mine I wont work him - unless I need him :). By answering stations more than a
few hundred hertz off frequency, much less 2-3 khz, you are encouraging spectrum waste.

Before the flames start, think back to all the complaints during the fox hunts over
people that had the gall to operate within 5 khz of the fox. If you answer someone off
frequency by 2-3 khz you are operating two to three khz closer to other stations than
you think. Also you are occupying enough space for six sets of stations to simultaneously
carry on qso's without interference if their cw offset is properly set and they are
using a cw filter.

Another thing to consider, if someone starts calling cq on your frequency, while you
are listning to someone up 2 khz, how is he to know that the frequency is in use.

No
one can morally claim 5 khz of spectrum at one time unless I need them for a new country).

In summary, while it is possible that the other station is inexperienced or a lid, it is
just as likely that he doesnt hear any one calling him because of a high noise level or
stations are calling on a different frequency than the one to which he is listening.

73 de Dave, N0IT

Date: Wed, 20 Aug 1997 18:54:27 -0400 (EDT)
From: n4js@amsat.org
To: qrp-l@Lehigh.EDU
Subject: [25249] Re: Caveat Emptor
Message-ID: <XFMail.970820185900.n4js@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

I was finally, through the assistance of someone else, able to contact Mr. Curry. It would appear he is only guilty of IMHO, very poor business practices. He waited 2 weeks for my check to clear, then went on a 2 week vacation, without dropping me a card, email or whatever about the delay. Of course, the UPS strike was blamed, although how that effects sending a simple courtesy notification escapes me.

While there was no dishonesty apparently involved, I cancelled my order and requested a refund. I am afraid I have been spoiled by the excellent service I have received from the likes of Wilderness Radio, OHR, S&S, Small Wonders Lab, Emtech, Embedded Research, etc. Those folks KNOW how to run a small business!

Sent at 18:59:00 on 20-Aug-97

 _ _ _ _   _ ___   John L. Sielke n4js@amsat.org n4js@pobox.com
| \| || | | _ | |/ __| n4js@qsl.net   NJ Grid:FM29LN
| .` ||_ _|| || |__ \   http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884
|_|_| |_| __/ |___/   QRP-ARCI #9328 CQC #443 CQrp #50
NE-QRP #507 G-QRP #9544 NorCal #1989 QCWA FISTS #2781 ARS #243
WIMPS Qs=032 30m=29 17m=3 12m=0 States=09/02/00 Countries=16/02/00

Date: Wed, 20 Aug 1997 16:32:49 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [25250] Re: CW procedures: How long to listen?
Message-ID: <33FB7EA1.2104@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

QRP and efficient operating deal with Bandwidth too.

Zero Beat and know you are right on signal. Rit is great
for certain situations, but is not an excuse for being
off frequency.

Verify your transmit offset or receive offset works properly.
Know where your rig zerobeats.

Occupy the smallest bandwidth during the qso by being
on frequency.

Now I'll probably slip on the soap in my soapbox.

I don't usually place very high in the contests, my main
concern is my contact can hear me. And I zerobeated each
contact on field day too.

Thankyou.
-Ed Loranger

--
72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok
mailto:we6w@qsl.net http://www.qsl.net/we6w

Date: Thu, 21 Aug 1997 08:02:24 +0800
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
To: rakefet@rakefet.com
Cc: qrp@pandora.lugs.org.sg
Subject: [25251] Re: CW procedures: How long to listen?
Message-ID: <33fb8591.pandora@pandora.lugs.org.sg>

On Wed, 20 Aug 1997 11:31:12 -0700, "Vic Rosenthal" <rakefet@rakefet.com> wrote:
> that it was not so much because of the short time he spent listening,
> but rather because he was not tuning far enough off of his frequency (if
> he was tuning at all) to hear you. I admit that when I call CQ I tune

We should also consider the fact that the opposite might be true. What I mean is that the guy could have left his RIT on inadvertently and is listening at the wrong place. This can happen quite easily, especially with complex displays on modern rigs and such. Very easy mistake to make.

73 de 9V1ZV Daniel
--

+------------+--------------------------------+
Daniel Wee	daniel@pandora.lugs.org.sg
9V1ZV	danwee@singnet.com.sg
QRP-L #667	9V1ZV@amsat.org
+------------+--------------------------------+

Date: Wed, 20 Aug 1997 17:57:39 -0700 (PDT)
From: doug hauff <slmachco@fix.net>
To: qrp-l@Lehigh.EDU
Subject: [25252] Curry Communications/Dave Curry
Message-ID: <199708210057.RAA01757@fletch.fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Saw a post today that shredded Dave Curry, and being aquainted with Dave, I was rather suprised as Dave is a super nice guy and honest as they come. So I called Dave (by the way, I know for a fact that he is listed because I wanted to call him one night from home and his number was here at the shop, so I thought, "what to do? I know! I'll call information!" Sure enough, no Curry Communications, but yes, Dave Curry[same number]).

So I find out from Dave the kit in question had been ordered with a special crystal,
which of course had to be ordered, and of course got bogged down in the #$%@^! UPS
nonsense.(Ask me what that strike has done for my business...some people got really screwed). Now, Dave usually deposits a check 7-10 days before shipping because he's been burned so much. So the crystal got stuck, Dave went on vacation, and everything stops while UPS flounders. (By the way, Dave received the check a week after it was allegedly sent..) Meanwhile, an impatient ham gets steamed(seems to me
anything mail order usta always say "Allow 6-8 Weeks For Delivery"!) Dave never received any communication about the order.

Lessons to be learned:

Determine the facts before attacking someone

Use a bit of common sense before ASSuming you're getting screwed (I certainly didn't have any trouble locating Dave knowing only his name and town)

Have a little patience when there's something like a national transportation strike going on - or you have a special order

I don't have any monetary interest in Curry Communications, I just am not going to stand by while a friend gets slammed unfairly. Dave's not getting rich doing these kits, he's into it because he loves the hobby. And I feel something like this could happen to me - I sell an amateur radio component also, and I can say I certainly am not getting rich on it! I'll have to sell a LOT of radio boxes to even approach compensating me for my time - I do it for the same reason, I love ham radio and want to help promote it. Think what it would be like if none of these enthusiasts were willing to spend their time and risk their money to provide these kits....I can say truthfully that if I could not build my equipmwnt, I wouldn't be into it.

By the way, a year or so ago I ordered a well-known 40 meter kit from a well known kitter and had to wait a couple of months, there was some trouble getting the sheet metal(shoulda been makin' my boxes then!) But I didn't have a hemmorage I just called the guy and waited, not necessarily patiently. Hey, I been in the business long enough to know s**t happens!

So lighten up, people, and support those who go out on a limb to support YOUR hobby!
Have fun & call CQ often!

73 Doug KE6RIE

Date: Wed, 20 Aug 1997 20:59:59 -0400 (EDT)
From: "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
To: qrp-l@Lehigh.EDU
Subject: [25253] Re: Centennial
Message-ID: <Pine.A32.3.93.970820201221.36688A-100000@weyl.math.Virginia.EDU>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Glad to hear others are building, or planning to build, the Centennial. I've had a great time with mine. I've been using it daily to check in to the Virginia Fone Net, and also on Sunday to participate in the Piedmont QCWA net out of NC. I frequently use it on the Knightlite CW net, and I've used it in both SSB and CW Sprints sponsored by QRP ARCI. It was my 80m rig on Field Day this year.

I won't repeat earlier posts, in which I detailed my building experiences and my assessment of the rig's performance, but I will say the rig was very easy to build and troubleshoot (the PCB is very roomy), and it is perfectly adequate for many QRP uses. MY version, however, DOES drift, more during transmit (when more heat is produced) than during receive. The drift is not great enough to interfere with conversational SSB or CW contest exchanges, but it would probably be intolerable to the longwinded SSB operator or the CW ragchewer.

I'll be one of the first to order the 40m version when Dan announces it!

72, Ralph N7RI
Charlottesville VA

Date: Wed, 20 Aug 1997 18:18:01 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-l@Lehigh.EDU, azqrp@user1.dancris.com
Subject: [25254] SD-20 Poles
Message-ID: <199708210118.SAA27484@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The long awaited SD-20 poles have finally arrived. Those who sent notes reserving them have been notified.

If anyone wants one for building the St Louis Vertical, I have 18 of this batch left, and will ship to you for $25.00 (in lower 48).

If anyone from outside the lower 48, or overseas, wants one, I'll have to check on the shipping cost and we'll work something out.

Please e-mail privately if you want one of these poles.

73,
Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP

ARCI #8918, AK QRP #30, not in any order of importance.

http://www.dancris.com/~ki7mn
WIMPS: QSO's=18 30=18 17=0 12=0 States=15/0/0 DX=0/0/0 QSL's=5

Date: Wed, 20 Aug 1997 21:47:31 -0400 (EDT)
From: Mike Duke <K5xu@cris.com>
To: jeverhar@camden.lmco.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [25255] Re: Technical Books for the blind
Message-ID: <Pine.SUN.3.96.970820214526.1689F-100000@viking.cris.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

RFB&D got me through college back in the early 70's.

A friend is now helping (actually, I'm helping him by keeping out of his
way) me build Tony's meter gadget. It's a handy thing to have around,
even in these days of solid state rigs.
72/73,
Mike

AMATEUR RADIO STATION K 5 X U
Jackson, Mississippi

Date: Wed, 20 Aug 1997 22:24:57 -0400 (EDT)
From: aa8yo@tir.com (aa8yo)
To: qrp-l@Lehigh.EDU
Subject: [25256] WBL Design Iambic Paddles
Message-ID: <199708210224.WAA26708@tir.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Just got off K5FO's webpage to check out WBL's paddles.
I'm impressed with the design. I would appreciate anyone
who has used a set to let me know your thoughts....

72/73,

Bob / aa8yo@tir.com

Date: Wed, 20 Aug 1997 21:37:12 -0500
From: "William R. Moore" <wr.moore@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [25257] DX-70 question (not qrp)
Message-ID: <19970821023750.AAA2391@wrmoore-rpc>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Sorry for a non-qrp question, but I know some of you run the Alinco DX-70T.
I'm running one mobile, and mostly use it for SSB. I have been very
disappointed in its CW selectivity and wonder if I have a sub-par unit. I
can clearly hear at least 200hz of the "other" side of zero-beat on CW for
any signal that shows up on the S-meter, and the 500hz filter sounds much,
much wider than that to me. Should I send it back for alignment, or are
they all this way?

Tnx es 72/73,
Randy, KS4L

Date: 20 Aug 97 22:57:28 EDT
From: "Brian L. Lewis" <76500.1621@CompuServe.COM>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [25258] 50/40/30 Louisiana Log
Message-ID: <970821025728_76500.1621_HHE43-1@CompuServe.COM>

Thanks to all who worked me and tried to work me. QRM was a bit tough.

FREQ	TIME	CALL	RST SENT	RST RECD	ST	NAME	PWR
10114	0001	KF6G?	439	????	CA	??	??
	0005	KT3A	549	549	PA	CAM	5
	0010	KX2H	559	559	NY	??	??
10113	0019	W8NL	599	559	OH	TREV	100
	0026	N4MZ	559	559	FL	RED	100
	0033	KD4CWR	559	579	FL	TROY	10

	0053	K1SM	579	529	MA	BILL	100
	0059	KC1DI	559	549	MT	DAVE	50
7043	0108	N0UR	449	579	MN	JIM	5
	0117	KG2IM	449	449	NY?	??	??
	0125	K8CV	449	339	MI	WALT	2
	0129	KA5T	459	559	TX	LARRY	5
	0132	XE1AB	339	569	XE1	ALDIA?	5
	0142	W3YK	449	559	NM	ART	5
	0149	WB4EXW	539	349	NC	WATHON	5
	0156	W0CLR	559	569	MO	JERRY	5
	0208	KT3A	449	449	PA	CAM	5
7046	0237	W1GM	339	569	CT	CHRIS?	5
7042	0249	AA8SY	559	579	OH	ANDY	10

Brian Lewis K5RV, Shreveport, Louisiana, 5 watts, Knwd 850, Delta Loop.
Date-UTC -Wed Aug 20

Date: Wed, 20 Aug 1997 21:33:43 -0400 (EDT)
From: n4js@amsat.org
To: slmachco@fix.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [25259] RE: Curry Communications/Dave Curry
Message-ID: <XFMail.970820214204.n4js@amsat.org>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 8bit
MIME-Version: 1.0

On 21-Aug-97 doug hauff typed:
 (By the way,
>Dave received the check a week after it was allegedly sent..) Meanwhile, an
>impatient ham gets steamed(seems to me
>anything mail order usta always say "Allow 6-8 Weeks For Delivery"!) Dave
>never received any communication about the order.

#1. The "allegedly sent" check was deducted from my account (cashed) on July 18, 1997.

#2. I can understand delay, I am not that hard to get along with. DO feel that in such a case, a note, email, etc., to the customer, advising him of the delay is good business, especially when there is no "contact" info given in the order form/web page.

#3. I DID NOT "slam" anyone. I stated the FACTS. If the FACTS slam someone, then perhaps it is deserved.

#4. The web link where I saw the ad, and the order form therein, contained no phone number, nor did they refer to "Dave" Curry. I just found his first name today.

#5. Anyway, enough 'sed. I assume I will get my $181 back shortly. I am sure a certain individual has better things to do than phone all these email messages to Mr. Curry.

Sent at 21:42:04 on 20-Aug-97

```
 _  _  _ _      _  ___   John L. Sielke n4js@amsat.org n4js@pobox.com
| \| || | |  _ | |/ __|  n4js@qsl.net   NJ Grid:FM29LN
| .` ||_  _|| || |\__ \       http://www.qsl.net/n4js  NJ-QRP #57 QRP-L #884
|_|\_|  |_|  \__/ |___/   QRP-ARCI #9328 CQC #443 CQrp #50
NE-QRP #507 G-QRP #9544  NorCal #1989 QCWA  FISTS #2781 ARS #243
WIMPS Qs=032 30m=29 17m=3 12m=0 States=09/02/00 Countries=16/02/00
```

Date: Wed, 20 Aug 1997 21:44:10 -0600
From: Greg Newberry <newberry@cyberhighway.net>
To: QRP-L Group <qrp-l@Lehigh.EDU>
Subject: [25260] 38s It's Running!! Need Help
Message-ID: <33FBB98A.68AB@cyberhighway.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

Well I got my 38s running. Helps if T1 isn't in BACKWARDS!! I took a turn off of T1 and the front end peaks nicely. Good sensitivity. Xmit works. Nice clean signal on the scope. But..

My tuning range is 10.096 to 10.117. Also the TX line as shown in the schematic has the full 8 volts on it during receive as measured at the cathode end of D5, D6, D4, and anything else on this line. Could this be why my tuning range is lower than normal?

Daniel Wee showed a way to lower his tuning range by adding 5 turns around L1. He mentioned that if you wind turns the wrong way your tuning range will go up. If I use this method to raise the tuning should I ignore the higher than normal voltage on the TX line? Or should I correct it? The measurements provided by Paul Harden show about 5.8 volts on this line. I know that will vary but mine is exactly the same as the 8v reg output (actually 8.12v).

What should I do?
Thanks a bunch everybody.


```
-------------------------------------------------
|  Greg Newberry    newberry@cyberhighway.net   |
|  WB7DUO QRP-L #760                            |
|  NorCal #1899  CQC #155                       |
-------------------------------------------------
```

Date: Wed, 20 Aug 1997 20:41:07 -0700
From: gsurrency@juno.com (Gary L L Surrency)
To: rerobins@unccvm.uncc.edu
Cc: qrp-l@Lehigh.EDU
Subject: [25261] Re: CW procedures: How long to listen?
Message-ID: <19970820.211137.10222.3.gsurrency@juno.com>

Sounds like he is impatient, or just has a lot of man-made QRN so he only responds to loud signals that he can hear. I've heard of this kind of thing before - I just pass them by and find someone else for a QSO. Ya just never know what may be happening at the other guy's end. ;-)

72,

AB7MY
Gary Surrency
Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

Date: Thu, 21 Aug 1997 18:20:18 +1200
From: D Limbrick <DAVLIM@xtra.co.nz>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [25262] St Loius Vertical
Message-ID: <33FBDE21.4B04@xtra.co.nz>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm amazed - posted a question yesterday and got heaps of answers back almost straight away.
Thanks to everyone for their help. I have looked the data on the internet as suggested and found it very interesting. I dont want to buy one but now I know what a SLV that I see so many references to, is.
Once again thanks for all the replies.
Dave Limbrick zl2dl

Date: Wed, 20 Aug 1997 21:55:25 -0700 (PDT)
From: doug hauff <slmachco@fix.net>
To: qrp-l@Lehigh.EDU
Subject: [25263] Curry Communications/Truth
Message-ID: <199708210455.VAA06359@fletch.fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

First off, please do not take my statments out of context and disrort the meaning - I was questioning the date, not the fact of its existance...read it again.

"DID NOT SLAM", eh? Talking about alarm bells going off, admitting stupidity (implying the other's dishonesty), and posting this garbage as a "warning"...perhaps you have another word for it.

You say you attempted to communicate with Curry Com....one phone inquiry? You are ready to go to the state Attorny General and you have not even written a letter?

Bottom line...you posted a mean-spirited letter that is perhaps not legally slanderous but is obviously meant to prejudice people against Curry...and you did not even do your homework! Quite obviously you would not have the slightest case if you did go to the AG..(Did you write a letter to the company, sir?..) Legal considerations aside, I don't believe you have a moral case against Curry..What was the elapsed time from when Curry received your order and this nonsense? Thirty Days? And you ordered special parts and there is a nationwide transportation strike
going on until today? Don't you think you owe anyone the consideration of a letter before going public with a complaint? (By the way it is quite common not to include phone numbers)

Grow up, dude - you are implying that Curry was purposefully avoiding communication, when you did not employ the obvious means - a simple letter! Yeah, a confirmation or some such would have been nice, but I know what is

like to be swamped...and when I have things covered. You tried the quickest, easiest form of communication. and when that failed, instead of trying another means, you went public...not a slam?
On planet Earth is is.

Now please, lets not turn this into a pi**ing contest, 'nuf said!!!

Please, let it go, have fun, life is short....

73   Doug KE6RIE   call CQ often!

Date: Thu, 21 Aug 1997 03:20:57 -0400
From: "Hugo W. Catta" <catta@ibm.net>
To: rerobins@unccvm.uncc.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [25264] Re: odd Sierra problems
Message-ID: <33FBEC58.47F69D50@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rick Robinson wrote:

> Two Sierra problems have me scratching my head. The Sierra has the
> KC-2
> and BuzzNot installed.
>
> 1. I started noticing SWBC or BCB birdies, not sure which, around
> 10.110
> several weeks ago. Tracked it down to the BuzzNot. BuzzNot on,
> birdies
> on. BuzzNot off, birdies off.   There is also a noticable amount of
> background noise with the BuzzNot on, although the BuzzNot does a nice
> job
> on some of the local noise/QRN. Both problems are worse with the pot
> set
> just after the BuzzNot switch contact makes.
>
> 2. I noticed 25MHz WWV coming in good Saturday afternoon on my Drake
> R8
> receiver, so I plugged in the Sierra's 12M module to try for some
> QSOs.

> Around 24.825 on the Sierra I'm hearing WWV. I key the transmitter
> into
> the dummy load and tune the R8 to find the transmitter signal,
> thinking
> maybe the Sierra module is misaligned. Well, the R8 says 24.825 when
> zero-beating the Sierra signal, but Sierra is still picking up WWV.
> Zero
> beat WWV on the R8, key the Sierra and the R8 hears only WWV, no
> Sierra.
>
> Anyone else have any experience or suggestions for dealing with either
> of
> these oddities?
>
> 72,
>
> Rick kf4ar

   I had the same problem and built the Line Noise Simulator sugested in the manual.
It actually works with the kind of pulses generated by the 555 "tester", but there is some signal feed thru. With a dummy load there is no problem at all; the BuzzNot is "transparent". When called Wilderness, Bob took his time going thru a few little tests while on the phone and also suggested a rerouting of the B+ wire, but the problem remained. One thing I noticed was that if the B+ wire passes close to Q1, there is a loud signal fed thru the Buzznot, so I kept the wire away from it. Other than that, Your description of the problem matches mine completely.

72,

Hugo
W2/CX9AAK

Date: Thu, 21 Aug 1997 08:03:21 +0200
From: David.Reid@asml.nl (David Reid)
To: wr.moore@worldnet.att.net
Cc: qrp-l@Lehigh.EDU
Subject: [25265] Re: DX-70 question (not qrp)
Message-ID: <199708210603.IAA25223@wspub002.asml.nl>

Randy,
I've forwarded your alinco problem to the alinco list on QSL.net

<alinco@qsl.net>
you can subscribe sending a message to majordomo@qsl.net I think.
try something like 'info' or 'help' in the body of the message.

I have a DX70 and don't have this problem - but I can't vary the power in CW which is annoying... I either get 100W or 10W but there are no details on reducing the power to 3 Watts for QRP work...anyone done this?

73 de Dave
PA3HBB / G0BZF
GQRP 3677

owner of D.R.Computer Products - maker of kits for radio amateurs
http://ourworld.compuserve.com/homepages/DRCP/homepage.htm

Date: Thu, 21 Aug 1997 02:31:31 -0400 (EDT)
From: ROYGREGSON@aol.com
To: ccart@dns.vidtel.com
Cc: qrp-l@Lehigh.EDU
Subject: [25266] Inductor !
Message-ID: <970821023131_512785433@emout05.mail.aol.com>

Chris.....Your idea has already been done, but with more modern materials, could be improved upon. I have one of just what your talking about. It is on a toroid about 1.250 dia, wound with about #18 gage enamaled wire, and coated with epoxy. In the center is a bearing made of plastic or nylon with about a 1/4" shaft with a screw for connection of a flexible wire. The bearing is also epoxied in place. And of course there is a connection at the start and finish of the winding. One side of the toroid is polished off to bare copper wire, and a copper wiper is attached to the end of the 1/4" shaft, withe the contact area formed so that connection on one wire at a time is possible. Then the thing was put into a piece of about 1.5" of gray PVC tubing, and and back and front plate made. connections were from three 4-40 screw terminals, just like a pot on the side of the PVC. Actually the thing looked like a wire wound pot. Oh Yes, there were fittings like a pot for panel mounting.
This was made by Palomar Engineering in Escondido Ca. Yes the very same one in the ham magazine AD's. Back in the 60's Palomar came out with the very first all solid state Marine band Radio covering 2 to 3 mhz. It had a front panel bulb that you tuned for maximum brillance with the above toroid inductor while keying the mike. If I remember the radio ran about 20 watts and of course was AM. The antennas used were wire as long as possible, or a loaded whip. We made a wooden carrier with a car battery, the radio and a 9' loaded whip antenna with a 1" wide copper strap to drop into the water for

connection to the pacific ocean. This was used as an emergency radio, and for its simplicity, it worked well ! I have written to Palomar several times for some info on the tuner, but not a thing heard from them !
Now I've made myself curious, and am already planning a trip to the hardware store tomorrow, bet they have all kinds of goodies that would work for such a tuner...Hmmm.

good luck es 72's/73's   Roy

Date: Wed, 20 Aug 1997 14:43:09 -0700
From: Ken Lopez <kjlopez@earthlink.net>
To: rerobins@unccvm.uncc.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [25267] Re: odd Sierra problems
Message-ID: <33FB64EF.57C0@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Rick Robinson wrote:

>
> 1. I started noticing SWBC or BCB birdies, not sure which, around 10.110
> several weeks ago. Tracked it down to the BuzzNot.

Rick,

I had the same problem when I installed the Buzznot. Many birdies and BCB interference. I fixed it by shortening all of the leads and making them as direct as possible. Before I shortened them, I found that moving them around made a large difference in the strength of the interfering noises.

Mount the Buzznot where, and in the orientation shown in the instructions. Also, other wiring should be looked at. The KC2 interconnects should be carefully oriented as well.

Now, does anyone have a solution for no power indication on the KC2?

Cheers,
Ken, N6TZV

Date: Thu, 21 Aug 1997 08:33:09 -0400
From: Greg Buhyoff <buhyoff@vt.edu>
To: qrp-l@Lehigh.EDU
Subject: [25268] FS:TAC-1 40 mtrs ($175)
Message-ID: <3.0.2.32.19970821083309.006987f0@mail.vt.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I see that some messages between me and a potential buyer were
inadvertently posted to the entire group. I replied to Scott without
checking the headers.
Now, everyone knows by bottom price! Heh, heh. So, I now advertise the
radio at $10 less than my previously determined bottom.

I originally offered the S&S Engineering TAC-1 for 40 mtrs for $225 or best
offer. I offered the radio to Scott for $185, but have not sold it yet.
The radio is absolutely mint. I purchased it 6/6/97 for a trip to Maine.
It has the optional keyer installed. I have the manual and original box.

I will ship this radio insured UPS for $175, which is $25 less than the
list for a kit (minus the optional keyer). The radio was built by S&S and
aligned by them.

If you are interested, please e-mail me at Buhyoff@vt.edu or call
540-951-4097.

Thanks and 73, Greg

Greg Buhyoff
Julian Cheatham Professor
304C Cheatham Hall
Virginia Polytechnic Institute and State University
Blacksburg, Virginia 24060

Phone: 540-231-5148
Fax: 540-231-3698
E-mail: Buhyoff@vt.edu

Date: Thu, 21 Aug 1997 08:24:14 -0400
From: Bob Hirsch <bobh@p3.net>
To: qrp-l@Lehigh.EDU
Subject: [25269] Re: Curry Communications/Truth
Message-ID: <3.0.1.32.19970821082414.007264c8@p3.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 21:55 97/08/20 -0700, you wrote:

Can this thread go off list PLEASE !!!

72/73 de Bob, W3CW

Date: Thu, 21 Aug 1997 08:51:14 -0400
From: Derek Brown <DBrown@RFMD.COM>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [25270] Tone Encoder for KDK FM-240
Message-ID:
<c=US%a=_%p=RF_Micro_Devices%l=PACHACUTEC-970821125114Z-1011@proxy1.rfmd.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I realize this is not the best place for this listing but there seems to be a pretty diverse group here. I am looking for a PL Plug-in Tone Board (sub-audible tone encoder) for a friend's KDK FM-240 2 meter transceiver. These have not been available for quite a while and now most repeaters in this area have tone access. Because several different sub-tones are used here, an aftermarket fixed frequency internal encoder is not a viable option. Communications Specialists does make a suitable external unit but that would be the last resort - my friend has a daughter in college and, so, a new rig is not an option. There were lots of these radios made and, undoubtably, some (with encoders) have died. If anyone can direct me to some ham radio swap pages, I will give them a shot.

Derek, WF4I
Greensboro, NC
dbrown@rfmd.com

Date: Thu, 21 Aug 1997 09:01:40 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: towertalk@contesting.com, tenten-l@Lehigh.EDU, QRP-L List <qrp-l@Lehigh.EDU>
Subject: [25271] Feeding EDZs
Message-ID: <Pine.SOL.3.94.970821084924.6122A-100000@utkux4.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Those interested in Extended double Zepp antennas may or may not have seen the 2-meter version using "delay" lines by Rick Littlefield, K1BQT, in the Summer, 97 Communications Quarterly.

Interestingly, although called delay lines, the technique is essentially a laid-over shorted inductive stub replacing the split inductor or pair of shorted stubs one might hang from the feedpoint to remove the capacitive reactance from the feed Z. One line of the transmission line does double duty in its stub function and in being part of the antenna line.

The technique can be extended to other stub impedances to also effect a transformation of the feed resistive component down to 50 ohms. A 300 ohms line will do this with the right length, which is not the same as that needed for a simple stub function.

I have put some notes on the subject at my web site under the title "Feeding the EDZ," in case anyone is interested. The technique should work at either HF or VHF.

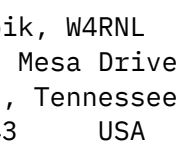
Incidentally, I have been trying to track down the problem of the 3rd graphic in the HB9CV notes--it plays locally but is scrunched into less than 1/8" of screen space when I access the site in normal mode. It is the SWR curve of the higher gain 3 element Yagi, so you will have to use your imagination until I figure out what is happening or not happening, as the case may be.

Anyone who missed the Huntsville, AL, hamfest missed an excellent show and a chance a. to see moon rocks and b. to stare the SR-71 in the face, nose to nose. My thanks to N4MN and his cohorts for a really fine weekend.

-73-

LB, W4RNL

L. B. Cebik, W4RNL
1434 High Mesa Drive
Knoxville, Tennessee
37938-4443 USA
(Off)(423) 974-7215
(Hm) (423) 938-6335
(FAX)(423) 974-3509
cebik@utk.edu
URL: http://funnelweb.utcc.utk.edu/~cebik/radio.html



Date: Thu, 21 Aug 1997 07:08:19 -0600
From: Greg Newberry <newberry@cyberhighway.net>
To: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
Cc: QRP-L Group <qrp-l@Lehigh.EDU>
Subject: [25272] Re: 38s It's Running!! Need Help
Message-ID: <33FC3DC3.1982@cyberhighway.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sorry! It was Daniel Winkler N7IVR who suggested winding L1 with more
wire to change it.

(red faced)
Greg

--
| Greg Newberry newberry@cyberhighway.net |
| WB7DUO QRP-L #760 |
| NorCal #1899 CQC #465 |

Date: Thu, 21 Aug 1997 09:22:01 -0400
From: Ed Pacyna <pacyna@auratek.com>
To: qrp-l@Lehigh.EDU
Subject: [25273] Re: Centennial
Message-ID: <3.0.16.19970821092200.202f658e@dingle.auratek.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ralph

As you transmit the unit heats up which causes the LC oscillator to drift.

It would not be to difficult to temperature compensate that VFO. It will basically come down to installing a capacitor of the right value and temperature coefficient.

Wes Hayward W7ZOI published an excellent article on the subject in QST a couple of years ago which I recall was put into the book QRP Power as well.

Ed, W1AAZ

>>MY version, however, DOES drift,
>>more during transmit (when more heat is produced) than during receive.

Date: Thu, 21 Aug 1997 12:37:03 +0800
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.org.sg>
To: newberry@cyberhighway.net
Cc: qrp@pandora.lugs.org.sg
Subject: [25274] Re: 38s It's Running!! Need Help
Message-ID: <33fbc5f0.pandora@pandora.lugs.org.sg>

On Wed, 20 Aug 1997 21:44:10 -0600, "Greg Newberry" <newberry@cyberhighway.net> wrote:
> Daniel Wee showed a way to lower his tuning range by adding 5 turns
> around L1. He mentioned that if you wind turns the wrong way your tuning
> range will go up. If I use this method to raise the tuning should I
> ignore the higher than normal voltage on the TX line? Or should I

Huh? Misattribution here I think. Must have been someone else Greg.

73 de 9V1ZV Daniel
--

+------------+--------------------------------+
Daniel Wee	daniel@pandora.lugs.org.sg
9V1ZV	danwee@singnet.com.sg
QRP-L #667	9V1ZV@amsat.org
+------------+--------------------------------+

Date: Wed, 20 Aug 1997 23:28:17 -0600
From: Dick Schneider <rschneid@ix.netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [25275] CQC SUMMER QSO PARTY
Message-ID: <33FBD1F1.4311@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

QST QST QST

SUNDAY, AUG. 24, IS THE COLORADO QRP CLUB SUMMER QSO PARTY.

HOPE YOU ALL GET ON THE AIR.

IF YOU HAVE QUESTIONS REGARDING YOUR CQC MEMBERSHIP, PLEASS EMAIL ME IMMEDIATELY AT: rschneid@ix.netcom.com

IF YOU WOULD LIKE TO JOIN THE CLUB THIS WEEK AND GET A CQC NUMBER BEFORE THE SUNDAY CONTEST, PLEASE DO SO THROUGH OUR INTERACTIVE MEMBERSHIP PAGE AT THE CQC WEB SITE:

http://www.sni.net/mthome/cqc.htm

IF YOU DO SIGN UP VIA THE WEB, PLEASE SEND YOUR DUES CHECK TO CQC, POB 371883 DENVER CO 80237-1883

I'VE ATTACHED THE CONTEST RULES.

72

DICK AB0CD CQC#155

-0-

COLORADO QRP CLUB CQC SUMMER QSO PARTY

DATE/TIME:
1800 UTC to 2359 UTC Sunday, August 24, 1997

EXCHANGE:
RS(T), State/Province/Country, First Name, and CQC Member Number (or power output if not a CQC member). Example:

579 CO JIM NR 04 -or- 579 CO JIM 2W

SUGGESTED FREQUENCIES:
CW: 1825, 3560, 3710, 7040, 7110, 14060, 21060, 21110, 28060, 28110
SSB: 1910, 3985, 7285, 14285, 21385, 28385

No contacts on 30, 18 and 12 meters allowed.

CLASSES:
Single Band, Multi-band, Novice/Tech (all single operator only)

QSO POINTS:
CW: CQC member 6 points. Non-member 4 points.
SSB: CQC member 3 points. Non-member 2 points.

MULTIPLIER:
States/Provinces/Countries worked. The same station may be worked on different bands for additional QSO points and multipliers. Contacts on the same band using a different mode counts for QSO points, but not as an additional multiplier

NAMES:
Total of first names from Name sheet. One first name per letter of the alphabet. Name must be your commonly used first name. Maximum Name Points: 26.

W0CQC BONUS:
Add 1000 points to your FINAL score for working W0CQC

TOTAL SCORE:
Total Score = QSO Points x Multipliers x Names PLUS Bonus points for working Club Station W0CQC

POWER:
Stations must use 5 watts or less output, CW or SSB. There are no power multipliers.

AWARDS:
To be determined, Highest Score in each class

SUBMITTED LOGS:
Logs must show: Band, Mode, Time UTC, Station Called, RST Rc'd, SPC Rc'd, Name Rc'd, Member# Rc'd (or power out if not CQC member), Multiplier, Points

LOGS MUST BE POSTMARKED NO LATER THAN 9/24/97

For sample Log, and Name sheets, send SASE (one unit of first class postage) to:

Jim Pope/KG0PP
CQC Contest
POB 31575
Aurora CO 80041-0575

Date: Thu, 21 Aug 1997 06:55:48 -0700
From: Roger Hightower <n7kt@dancris.com>
To: slmachco@fix.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [25276] Re: Curry Communications/Truth
Message-ID: <33FC48E4.4015@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Could you folks please take this off the List?

Tnx/73..Roger
--
72/73 de Roger N7KT n7kt@dancris.com Mesa, AZ Grid DM43cj
NorCal 1099 CoQRP 176 QRP-L 62 G-QRP 9081 ARCI 8946 NE-QRP 383
AK-QRP 167

Date: Thu, 21 Aug 1997 06:55:53 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: qrp-l@Lehigh.EDU, azqrp@dancris.com
Subject: [25277] SD-20 Poles
Message-ID: <199708211355.GAA13059@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Looks like all the poles are spoken for...I'll re-post if there are any left
after the dust settles.

Thanks.

73,
Bob KI7MN (ki7mn@dancris.com) Chandler, AZ
Grid DM43bi Lat 33.334500 Long -111.87260
NorCal #1221 ARCI #8918 Qrp-l #271 CQC #274 AK QRP #30 ARRL

http://www.dancris.com/~ki7mn
WIMPS: QSO's=19 30=19 17=0 12=0 States=15/0/0 DX 0/0/0 QSL's=6

Date: Thu, 21 Aug 1997 06:55:32 -0700 (PDT)
From: Alan Kaul <kaul@netcom.com>
To: David Reid <David.Reid@asml.nl>
Cc: qrp-l@Lehigh.EDU
Subject: [25278] Re: DX-70 question (not qrp)
Message-ID: <Pine.3.89.9708210650.A13263-0100000@netcom17>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

David....if the DX-70 has an ALC jack on the back panel, you can
introduce a negative voltage there which will reduce output power. I
have a Kenwood T-430S and an Icom IC-725, and wiring a small battery thru
a pot and introducing the voltage (negative to center conductor, positive
to ground) into the ALC jack, enables me to get down to milliwatt levels.
Give it a try!!
Best 73/72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

Date: Thu, 21 Aug 1997 10:29:57 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [25279] Re: DX-70 question (not qrp)
Message-ID: <Pine.LNX.3.93.970821102523.818B-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 20 Aug 1997, William R. Moore wrote:

> disappointed in its CW selectivity and wonder if I have a sub-par unit. I
> can clearly hear at least 200hz of the "other" side of zero-beat on CW for

I've noticed on mine (also mobile) that the filters seem a bit "wide", I
haven't heard the "other side" as far as I know, but anything above about
S-3 does seem to show up over quite range (+/- 300Hz)on the dial. My

biggest problem with it has been the noise picked up by the antenna from the engine, the noise blanker seems to do very little. Anyone been able to fix that, short of buying a diesel?

-- Chris Cartwright,   Technical Engineer | ccart@vidtel.com   --
-- N3XRV   QRP WAS 17/9 (w/c) | ccart@erols.com   --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | http://dns.vidtel.com/~ccart --
-- WIMPS Q's=04 30M=04 17M=00 12M=00 STATES=03/00/00 DX=00/00/00 QSL's=00 --

---

Date: Thu, 21 Aug 1997 09:26 CDT
From: FAITHD@dnr.state.wi.us (Don C. Faith III, AM/7, \(608\) 267-3135)
To: qrp-l@Lehigh.EDU
Subject: [25280] NE 602 info
Message-ID: <009B919CC78C40FB.ACF5@dnr.state.wi.us>

Just ran across some information (in .pdf format) regarding the NE602 type mixer / osc. IC's: It includes a spec. sheet and a couple application notes regarding the use of NE602's. Thought it might be of some interest to members of the list. It is located at the following URL then can be found by doing a search on "602." from the components page:

http://www.semiconductors.phillips.com/

Although the listing recommends use of the acrobat reader 3.0, these files worked fine w/ my 2.0 version of the reader.

The files themselves are:

1144.pdf   (spec sheet)
8025.pdf   (applic. note)
8063.pdf   (applic. note)

Have fun, 73 de N9WR, Don C. Faith

Date: Thu, 21 Aug 1997 08:51:06 -0400
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Cc: alinco@qsl.net
Subject: [25281] QRPing the DX-70T

Message-ID: <Pine.3.89.9708210805.F7086-0100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Alinco doesn't official sanction this, but I'm running 3w low and 25w high. "How?" you may ask?

First, if you are uncomfortable with surface-mount components, don't even think of playing inide this radio.

Open the radio. Set the 50/100w switch to 50w. Adjust the low and high power pots - they interact, but I don't remember exactly which has to be done first. I vaguely remember that the high power one gets adjsuted first, and the low power one works with what gets fed thru the high power one.

DO NOT DO NOT DO NOT touch the Ic pot - this adjusts the MAX CURRENT that can flow into the final amp! I remember the factory folks mentioning a max current of 19 amps. DO NOT mess with this!!!!!

I am NOT responsible for possible damage/destruction of your radio, just reporting the apparently successful results of my experimentation. It's important to remember that at lower-than-designed power, the final amp is running pretty inefficiently, thus your current drain will still be significant, and the radio will still get warm.

However, contrary to Alinco's claims that it is "not a QRP rig," they have done a WONDERFUL job in making a battery-friendly rig. Whereas the IC-706 draws about 1.5-2.0 amps on receive, the DX-70T draws about

600 milliamps

with a signal present and panel lamps turned on, dropping to

550 milliamps

with no signal present and the lamps turned off.

That's pretty thrifty, if you ask me. "Thank you, Alinco."

Finally, I have also done the wideband receive and xmit mods, as found at the Oakland U. repository (oak.oakland.edu) and they work. I can now xmit all the way up to 33 MHz - which is perfect as my 2m xverter, when built, will require 28-32 MHz to cover the 144-148 MHz band.

Again, "IF YOU HACK UP AND BREAK YOUR RADIO, IT'S NOT MY FAULT."

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *

*** 6m 80 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** Hamfest, life's simple joy *

On Thu, 21 Aug 1997, Alan Kaul wrote:

> David....if the DX-70 has an ALC jack on the back panel, you can
> introduce a negative voltage there which will reduce output power. I
> have a Kenwood T-430S and an Icom IC-725, and wiring a small battery thru
> a pot and introducing the voltage (negative to center conductor, positive
> to ground) into the ALC jack, enables me to get down to milliwatt levels.
> Give it a try!!
> Best 73/72 de alan
>
>
>   [<Alan Kaul, W6RCL>] kaul@netcom.com
>
>
>
>

Date: Thu, 21 Aug 1997 10:55:19 -0400
From: Greg Buhyoff <buhyoff@vt.edu>
To: qrp-l@Lehigh.EDU
Subject: [25282] TAC-1 ** SOLD **
Message-ID: <3.0.2.32.19970821105519.0069e354@mail.vt.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The TAC-1 is sold.

Thanks and 73,
Greg K2UM

Greg Buhyoff
Julian Cheatham Professor
304C Cheatham Hall
Virginia Polytechnic Institute and State University
Blacksburg, Virginia 24060

Phone: 540-231-5148
Fax: 540-231-3698

E-mail: Buhyoff@vt.edu

Date: Thu, 21 Aug 1997 11:35:43 EDT
From: w4bws@juno.com (Donald E Sanders)
To: DBrown@RFMD.COM
Cc: qrp-l@Lehigh.EDU
Subject: [25283] Re: Tone Encoder for KDK FM-240
Message-ID: <19970821.114630.7303.1.W4BWS@juno.com>

Derek,
Amateur Electronic Supply has a tone encoder that is the size of a
postage stamp and about $30.00. I have installed them in IC2AT, TH2600,
and several small rigs. They will do what you need.
Don Sanders W4BWS

Date: Thu, 21 Aug 1997 11:14:59
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [25284] SA/SA update
Message-ID: <3.0.1.16.19970821111459.08870758@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Sorry to bother the whole list, but in a house cleaning frenzy, I deleted a
couple of email addresses.

So, Skip, NC9O and Lee, KM6LA, got your check. Thanks.

For the other interested parties, UPS just delivered the Mouser parts. Now
all we need is the MCL ones and they should be here shortly.

Looks like the kits will start to ship end of next week.

For the rest of you, I'm now sold out, sorry if you missed the boat.

Thanks to all.

73

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Thu, 21 Aug 1997 12:26:24 -0400
From: rerobins@unccvm.uncc.edu (Rick Robinson)
To: w8lrm@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [25285] Re: Any Airforce Vets ??
Message-ID: <v02130500b021d9f74851@[152.15.144.13]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Al,

AC&W stands for Aircraft Control and Early Warning Radar. I went through the USAF AC&W Tech School at Keesler AFB, MS, in 1968-1969. AC&W gear was used mostly around the DEW line in Alaska, at Thule, Greenland and a site in England. There were/are? a few sites in the continental US, Minot AFB, ND may be one.

Mostly the sites in Alaska are remote sites, out on the Aleutians and up past the Arctic Circle. Luckily I was attached to the tech school at Keesler after I graduated. I'll take being 1/2 mile from the Gulf of Mexico over the Aleutians any day, even during Hurricane Camille.

The 743rd may have been HQed at Dutch Harbor, Alaska. I think this was the point of departure for the stations in the Aleutian Islands. I never met anyone who was out there who ever wanted to go back.

Hope this helps.

73,

Rick Robinson kf4ar
ex-USAF

Date: Thu, 21 Aug 1997 09:47:22 -0700 (PDT)
From: doug hauff <slmachco@fix.net>
To: qrp-l@Lehigh.EDU
Subject: [25286] I'm Sorry...
Message-ID: <199708211647.JAA25965@fletch.fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I apologize to all for the recent inappropriate thread...I felt it necessary
to respond publicly to a public comment that I felt was unjust...My Mom
always said "If you can't say something nice, don't say anything"...so, IM
SORRY, and "........!!"
My sincere apollogies for carrying it too far...and now I will shut up.

Doug KE6RIE

Date: Thu, 21 Aug 1997 12:52:23 -0500
From: Christopher Moore <christopher.moore@snet.net>
To: qrp-l@Lehigh.EDU
Subject: [25287] 7.038MHZ Beacon
Message-ID: <1.5.4.16.19970821175223.664fe2aa@mail.snet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Listers: I keep hearing a beacon sending out the letter "P" on 7.038.
Does anyone have info on the source? Also, I hope they don't get any ideas
and move up 2 KHZ to jam the QRP frequency.
73, Chris W1GM

Date: Thu, 21 Aug 1997 13:03:03 EDT
From: kd4kzq@juno.com (Jim A Norsworthy)
To: qrp-l@Lehigh.EDU
Subject: [25288] Dan's Small Parts
Message-ID: <19970821.115834.10199.1.kd4kzq@juno.com>

Hi Gang,

I need a phone number or an e-mail address or whatever to get in touch with Dan's. I neeed to buy some stuff and am completely in the dark as to getting in touch with him.

TNX

72/73 de Jim kd4kzq

Date: Thu, 21 Aug 1997 12:30:03 -0500
From: "j.w. thornton" <dub@oklahoma.net>
To: qrp-l@Lehigh.EDU
Subject: [25289] CW Speed help:
Message-ID: <3.0.3.32.19970821123003.00e7c8a8@oklahoma.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hey gang: My apolologies for the post concerning CW speed. It was intended for the TenTec list. Fingers talkin, while mind is elsewhere.
"72"

Dub WA5YFY
J. W. (Dub) Thornton
QRP-l # 159
ARCI #6982
NW QRP # 427
Minco, Okla. 73059

Date: Thr, 21 Aug 1997 13:55:00 +0400
From: n4js@amsat.org
To: kd4kzq@juno.com
Cc: qrp-l@Lehigh.EDU
Subject: [25290] Re: Dan's Small Parts
Message-ID: <E0x1bOf-0000yv-00@admin.cyberenet.net>

On 1997-08-21 kd4kzq@juno.com said:
>Sender: owner-qrp-l@Lehigh.EDU
>Precedence: bulk
>X-Mailer: Juno 1.38
>X-Juno-Line-Breaks: 0-1,4-9
>X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
>Hi Gang,

>I need a phone number or an e-mail address or whatever to get in
>touch with Dan's. I neeed to buy some stuff and am completely in
>the dark as to getting in touch with him.
>TNX
>72/73 de Jim kd4kzq

If you have web capability, go to http://www.fix.net/~dans.html


```
 _  _  _ _      _  ___   John L. Sielke n4js@amsat.org n4js@pobox.com
| \| || | |  _ | |/ __|  n4js@n4js.ampr.org  NJ Grid:FM29LN
| .` ||_  _|| || |\__ \       http://www.qsl.net/n4js
|_|\_|  |_|  \__/ |___/  NJ-QRP #57  QRP-L #884  QRP-ARCI #9328
NE-QRP #507 G-QRP #9544 CQC CQrp Norcal #1989  QCWA FISTS #2781
```

Date: Thu, 21 Aug 1997 13:52:30 -0400 (EDT)
From: aa8yo@tir.com (aa8yo)
To: qrp-l@Lehigh.EDU
Subject: [25291] WBL Design Paddles
Message-ID: <199708211752.NAA09826@tir.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

Thanks to all who responded to my inquiry. I just
got off the phone with Stan, W9WBL and ordered
a set of V22 Iambic Paddles. Obviously, the responses
convinced me. Now the wait.......

And Chuck, K5FO, what an excellent webpage!!
Check it out folks.....

http://reality.sgi.com/employees/adams_dallas

72 / 73,

Bob / aa8yo@tir.com
FISTS #3056 QRP-L #1174

Date: Thu, 21 Aug 1997 19:03:01 +0100
From: adams@chuck.dallas.sgi.com (Chuck Adams)
To: qrp-l@Lehigh.EDU
Subject: [25292] Beacons
Message-ID: <199708211803.TAA06646@chuck.dallas.sgi.com>

Gang,

40M Beacons heard around 7.039MHz

No data known on power levels are antenna patterns at this time. (K5FO: my guess would be QRP levels due to the low strength of signals even when heard)

C - Moscow, European Russia	37.58E	55.75N	(in degrees)
D - Odessa, Ukraine	30.70E	46.48N	
F - Vladivostok, Asiatic Russia	131.85E	43.14N	
K - Khabarovsk, Asiatic Russia	135.10E	48.50N	
L - St Petersburg, Eur. Russia	30.33E	59.92N	
M - Magadan, Asiatic Russia	150.83E	59.63N	
O - Moscow, European Russia	37.58E	55.75N	
P - Kaliningrad, Eur. Russia	20.50E	54.72N	
R - Ustinov,			
S - Archangel, Eur. Russia	41.00E	64.66N	
U - Murmansk, Eur. Russia	33.08E	68.97N	
V - Tashkent,			
X - Prague, Czech Republic	14.43E	50.08N	
yu - Kholmsk, Asiatic Russia	142.08E	47.66N	

**** yu is dididahdah ****

Here are some distances in miles from the beacons to the city indicated and number in parenthesis is beam heading in degrees:

Beacon	Seattle,WA	San Fran.,CA	Phoenix,AZ	Dallas,TX
C	5,198 (11)	5,864 (11)	6,015 (16)	5,752 (23)
D	5,731 (18)	6,377 (18)	6,443 (24)	6,055 (33)
F	4,711 (310)	5,163 (313)	5,781 (318)	6,353 (326)
K	4,341 (313)	4,818 (316)	5,424 (321)	5,969 (328)
L	4,846 (14)	5,507 (13)	5,636 (18)	5,360 (24)
M	3,383 (318)	3,904 (322)	4,484 (326)	4,986 (330)
P	5,039 (21)	5,675 (20)	5,723 (25)	5,339 (31)
S	4,625 (7)	5,298 (7)	5,499 (11)	5,325 (17)
U	4,281 (9)	4,952 (9)	5,138 (12)	4,959 (16)
X	5,209 (27)	5,819 (26)	5,801 (31)	5,337 (37)

u	4,135 (309)	4,578 (312)	5,198 (317)	5,788 (324)

Beacon	Denver,CO	Chicago,IL	Buffalo,NY	Atlanta,GA	Anchorage,AK
O	5,479 (20)	4,969 (28)	4,677 (32)	5,371 (29)	4,342 (355)
D	5,879 (28)	5,254 (38)	4,907 (43)	5,578 (39)	4,992 (359)
F	5,697 (321)	6,068 (332)	6,191 (338)	6,648 (334)	3,305 (285)
K	5,317 (323)	5,669 (332)	5,789 (338)	6,250 (335)	2,924 (288)
L	5,095 (21)	4,577 (28)	4,287 (32)	4,982 (28)	4,064 (270)
M	4,339 (326)	4,677 (332)	4,809 (335)	5,257 (334)	1,953 (293)
O	5,479 (20)	4,969 (28)	4,677 (32)	5,371 (29)	4,342 (355)
P	5,157 (29)	4,540 (37)	4,204 (40)	4,883 (36)	4,406 (6)
S	4,988 (14)	4,569 (21)	4,328 (24)	5,025 (21)	3,718 (354)
U	4,623 (15)	4,206 (20)	3,972 (23)	4,668 (20)	3,438 (358)
X	5,223 (35)	4,536 (43)	4,166 (47)	4,824 (42)	4,694 (10)
u	5,129 (319)	5,543 (328)	5,697 (333)	6,115 (330)	2,742 (282)

We have been getting more reports from AK than anywhere else in the USofA and some people in Central Europe have reported hearing some of the beacons all during daylight hours, which makes sense.

Hope this information is of use to the QRP community. Any errors are the result of this authors typing skills and will be corrected and posted as needed.

FYI

Chuck Adams K5FO CP-60 adams@sgi.com
http://reality.sgi.com/adams/index.html
K5FO's online Morse Code course --- see the home page
WIMPS: Qs=060 30m=55 17m=5 12m=0 States=28/05/00 DX=04/00/00 QSLs=025

Date: Thu, 21 Aug 1997 11:03:14 -0700
From: Ed Loranger <we6w@qsl.net>
To: FAITHD@dnr.state.wi.us
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [25293] Re: NE 602 info
Message-ID: <33FC82E2.89F@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

http://www.semiconductors.philips.com/acrobat/8025.pdf
1144.pdf and 8063.pdf

Spelled philips (One 'l') for the correct address.

Just FYI.
-Ed Loranger
Don C. Faith III, AM/7, (608) 267-3135 wrote:
>
> Just ran across some information (in .pdf format) regarding the NE602 type
> mixer / osc. IC's: It includes a spec. sheet and a couple application notes
> regarding the use of NE602's. Thought it might be of some interest to
> members of the list. It is located at the following URL then can be found
> by doing a search on "602." from the components page:
>
> http://www.semiconductors.phillips.com/
>
> Although the listing recommends use of the acrobat reader 3.0, these files
> worked fine w/ my 2.0 version of the reader.
>
> The files themselves are:
>
> 1144.pdf   (spec sheet)
> 8025.pdf   (applic. note)
> 8063.pdf   (applic. note)
>
> Have fun, 73 de N9WR, Don C. Faith

--
72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok
mailto:we6w@qsl.net http://www.qsl.net/we6w

Date: Thu, 21 Aug 1997 13:24:31 -0400
From: pthomson@bruderhof.com
To: qrp-l@Lehigh.EDU ("Low Power Amateur Radio Discussion")
Subject: [25294] RE: 7.038MHZ Beacon
Message-ID: <6182FC338100001F5CAB@mail.bruderhof.com>
MIME-Version: 1.0
Content-type: text/plain; charset="ISO-8859"
Content-disposition: inline
Content-transfer-encoding: 7bit

christopher.moore@snet.net queried:

>Hi Listers: I keep hearing a beacon sending out the letter "P" on 7.038.

>Does anyone have info on the source? Also, I hope they don't get any ideas
>and move up 2 KHZ to jam the QRP frequency.

It appears that our very own Chuck once pondered this mystery:

>Subject: 40m Beam Owners
>From: adams@chuck.dallas.sgi.com (chuck adams)
>Date: 1996/11/20
>Newsgroups: rec.radio.amateur.antenna
>...
>7.039MHz is the place
>
>On 40m after sunset and maybe through the night
>you may be able to hear the 'single-letter'
>beacons. These are beacons somewhere in the world
>sending a single letter either at 13 wpm or 18-20 wpm.
>With a small pause between each letter. No other IDs
>sent at any time.
>
>I personally have heard the F, S, and N beacons.

To which Mike Luther responded:

>From: mike.luther@ziplog.com
>Date: 1996/11/21
>
>Here is the best explanation I know. I think it is correct.
>
>All of these single letter beacons in this group and a LOT more on other
>frequencies are coming from the old Russian enclave. The most noticed
>one is probably the "V" beacon on 7.0019 which I believe you will be
>able to start hearing now at this time of year as it hits the air at 0200GMT.
>You will likely note that it is short path. The best trace on the actual
>location for it is in the UA9C oblast of Russia. A great many people have
>claimed that it is UL7, but in conversation with a UA9 years back, he
>confirmed it is just over the border into UA9C and not actually in UL7.
>
>These mysterious beacons actually DO send traffic and identify with call
>signs at very rare intervals...

And at another time, another ham noted:

>Some of you may be already familiar with them, some not. These are the
>single letter morse code markers such as the "V" letter beacon that has
>been on 40 Meters on 7.002 Mhz for at least 30 years per my logs. There
>are MANY of them. Others, for example, are a series of four of them starting
>up at 7.0388 Mhz and going upward in 100 CPS increments. The letters,
>from memory here, might be wrong, are "P", "S", "C", "L" and "K" which

>are on 7.0388, 7.0389, 7.0390 and 7.0391.

All the above were located using DejaNews archive search.
Hope they answer your question sufficiently!

72 de KA2QPG,
Pierre Thomson

Date: Wed, 20 Aug 1997 23:21:32 -0700
From: phreique@juno.com
To: daniel@pandora.lugs.org.sg
Cc: qrp-l@Lehigh.EDU
Subject: [25295] Re: CW procedures: How long to listen?
Message-ID: <19970820.233035.6446.0.phreique@juno.com>

Boy! I can't even tell you how many times this has happened to me! I guess you could say that
I should've probably learned the first time. hihihi

-Sterling W. Lombard (The Phreique)
http://www.primenet.com/~slombard

>
>We should also consider the fact that the opposite might be true. What
>I
>mean is that the guy could have left his RIT on inadvertently and is
>listening at the wrong place. This can happen quite easily, especially
>with
>complex displays on modern rigs and such. Very easy mistake to make.
>
>73 de 9V1ZV Daniel
>--
>+------------+--------------------------------+
>| Daniel Wee | daniel@pandora.lugs.org.sg |
>| 9V1ZV | danwee@singnet.com.sg |
>| QRP-L #667 | 9V1ZV@amsat.org |
>+------------+--------------------------------+
>
>

Date: Thu, 21 Aug 1997 12:04:52 -0600
From: Brad Mugleston <bmug@gwl.com>
To: "'Jim Shurden'" <jshurden@mfjenterprises.com>
Cc: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Subject: [25296] RE: MFJ-949E Versa Tuner
Message-ID: <01BCAE2A.705E02C0@pps-pc10.gwl.com>
Content-Type: text

This is an open letter to Jim Shurden and the Gang on the QRP-L.

I want to publicly thank Jim, of MFJ Customer Service, for his help in repairing my MFJ-949E Versa Tuner.

Some background, my tuner died - I don't know how but suspect lightning. At first I thought it was my radio but I narrowed it down to the tuner. What was happening is I was getting an SWR of infinity into a dummy load or an antenna. With a little checking I decided it was just the meter as I was getting a 1:1 on my Autek RF-1 through the tuner.

Jim helped me, through a series of emails, track down the bad components (I blew the diodes). I replaced them last night and per Jim's emails recalibrated the meter.

MFJ's warranty is NOT voided by the user trying to fix the unit - I think that's great. This fix cost me $1.19 for 10 diodes at Radio Shack (only needed two), some Emails and some of my spare time. I'm not sure what it would have cost if I would have had to mail it in for repair (its a big and heavy tuner) but I know it would have been more than $1.19. And more than the few days it took to get it fixed this way (my G5RV doesn't work without a tuner so I would have been off the air a lot longer).

Anyway THANKS JIM everything works great now.

De KB0ROL, Brad

Date: Thu, 21 Aug 1997 19:20:27 +0100
From: Werner Jochem <Werner.Jochem@hoexter.netsurf.de>
To: qrp-l@Lehigh.EDU
Subject: [25297] Digimodes in CW subbands
Message-ID: <33FC86EB.20436590@hoexter.netsurf.de>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I know: this has been a thread some months ago. But I think there is a need for further activities; the situation on the bands becomes worse from day to day.

I am talking about these fellow amateurs working in digimodes on frequencies allocated to telegraphy and especially spoiling the qrp frequencies around 14060 (but not only on 20m).

I am well aware of the fact that IARU bandplans are recommendations. These 'recommendations' are compulsory for members of a national radio club which is a member of the IARU. But even if a radio amateur is not a member of his national radio club, it is a matter of ham spirit and good manners to respect these bandplans.

Nevertheless you may observe a growing number of digimode stations disregarding these facts. Here in Europe you may find pactor stations down to 14050 kHz; I guess the situation in the US is similar or even worse. Many of these stations are working as automatic stations, i.e. they are standby on a frequency and start transmitting when connected no difference whether the frequency has been in use by another (qrp) station before or not.

I think we *have* to do something about that. Therefore a fellow QRPer, Steve DL1FDF, and I decided to monitor the bands for a certain period. We want make a report of digimode activities in the CW bands. For this purpose we need some comrade-in-arms who are willing to help us - especially from North America (but also from any other region of the globe). You should be able to receive digimode transmissions in RTTY, Amtor, Pactor I, Pactor II or other TOR-modes. We do not want to act as band sheriffs. We just want to collect information and presents it to our national radio clubs as a substantial basis for further reactions.

If you want to join us send me an email.
73/72 Joe

D K 7 V W - N 7 V W
ARRL * DARC * AGCW-DL * DIG * DL-QRP-AG * G-QRP-CLUB * HSC * RTC
Werner 'Joe' Jochem
Postweg 20
D-37671 Hoexter
Loc: JO41RS
Phone: +49 5271 8577 Fax: +49 5271 8560
Ax.25: DK7VW @ DB0HOL.#NDS.DEU.EU
Email: Werner.Jochem @ hoexter.netsurf.de
jochem @ t-online.de

Bach, Beethoven, Mozart, Morse !

Date: Thu, 21 Aug 1997 15:22:18 EDT
From: kd4kzq@juno.com (Jim A Norsworthy)
To: qrp-l@Lehigh.EDU
Subject: [25298] tnx-Dan's
Message-ID: <19970821.141805.10199.5.kd4kzq@juno.com>

Hi Gang,

Thanks to all you great folks on this list that responded to my request. I wud stay with this group even if I didn't do qrp, great group.

TNX

72/73 de Jim kd4kzq

Date: Thu, 21 Aug 1997 15:18:59 -0400 (EDT)
From: David Clemons <dave@egh.com>
To: qrp-l@Lehigh.EDU
Subject: [25299] info needed
Message-ID: <Pine.LNX.3.91.970821150854.7300B-100000@newman.egh.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

I have been subscribed to this list for 1 day, and I must say that I am impressed with the number of people taking part in it. I had no idea that QRP was this popular.

I have dabbled in QRP since purchasing a QRP PLUS about 1.5 years ago. I have made some interesting rag chew qsos as well as had a lot of fun in a couple of contests. I would like to ask the members of this list a couple of questions.

1. Has any discussion been made on the list about modifying the QRP PLUS to add some kind of AGC circuit?

2. What would be a good club to join? I sent off my money to QRP-NE 2 months ago and haven't heard back from them

at all. I would like to join a club that has a fairly informative newsletter (both construction ideas as well as activities).

3. Are there any upcoming QRP contests besides CQC? (I did get the CQC e-mail and may get on the air Sunday, although it also looks like I may be spending much of my time digging a dry well for the washing machine to compensate for recent problems with the septic system. Oh, the joys of living out in the country!)

Probably answers to these questions would best be sent direct to me, otherwise there may be alot of people getting e-mail about things commonly known to all but me. Many thanks.

73, Dave Clemons K1VUT

Date: Thu, 21 Aug 1997 13:14:42 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Cc: azqrp@dancris.com
Subject: [25300] [BUBBA] Local WX Websites
Message-ID: <199708212014.NAA23359@usr10.primenet.com>

Howdy Folks/BUBBAs!

Just thought I'd pass along a very nice website for finding out wx condx in your local area.

<http://www.nws.noaa.gov/weather/ccus.html>

(ccus = Current Conditions U.S.)

Pick your state, then pick a wx monitoring station closest to you. It'll show you temp, relative humidity, Heat Index, dew point, wind, 24-hour summary, etc. One-stop shopping!

Data is usually a few hours behind, but you Outdoor BUBBAs could check the site after you got inside and cooled off to see what the humidity was.

Heck, it's your tax dollars at work. May as well use it. :-)

10 days to BUBBA!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"It's HOT! Africa hot! Tarzan couldn't take this kinda hot!" -Biloxi Blues

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Date: Thu, 21 Aug 1997 20:52:41 +0000
From: Sandy W5TVW <ebjr@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [25301] "Altoids" box rigs??
Message-ID: <19970821205240.AAA25876@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hello gang,

Can someone tell me where to get the design for the 1-2 watt rig built into the Altoids box? (No more of those nice Sucrets metal boxes anymore!) Also, I understand there is a tuner that can be incorporated into another "Altoids" box?

Info on the rigs?/FAQ/boards?/etc.

73,
E. V. Sandy Blaize, W5TVW
"Boat Anchors collected, restored, repaired, traded and used!"
417 Ridgewood Drive,
Metairie, LA., 70001
ebjr@worldnet.att.net
Looking for: Hallicrafters SR-75 Transceiver
RK-34(VT-224) tubes, Butternut HF2V antenna*

Date: Thu, 21 Aug 1997 13:58:45 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [25302] Re: info needed
Message-ID: <33FCAC05.423F@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

And a warm welcome to you Dave!

I think one reason QRP operation is so exciting is
that virtually all of the inner workings of
devices contain QRP circuits.

We commonly use the most efficient designs (or try to).

There are many commercial rigs that can have their output
power turned down. But the rig still uses QRO power
to remain energized. It is uncanny to get tremendous
performance at low power using only a 9 Volt transistor
battery. Or some D cells chained for 4 hours of 5 Watt
transmissions.

Being able to take your rig portable is a plus too.

New Topic: I have the 1974 Amateur Radio Handbook.
The Amateur's Code is on the flip side of the table of
contents. Good Stuff! Over the years I read this to remind
myself of some tenents of operation.

Especially telling is number four:
"The Amateur is Friendly ...Slow and patient
sending when requested, friendly advice and counsel to the
beginner, kindly assistance, cooperation and consideration
for the interests of others; these are marks of the amateur
spirit."

Is this code still published in the latest handbooks?

P.S. I'm unimpressed with the W1AW regen. rcvr. I've
taken it back from my son and am trying to build a
better regen. Any on-line circuits available?????

-Ed Loranger
--
72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/Norcal#2227/ARS#275/ARCI#9397 grid CM88ok
mailto:we6w@qsl.net http://www.qsl.net/we6w

Date: Thu, 21 Aug 1997 15:11:22 -0700
From: chunt@macromedia.com (Christian Hunt)
To: qrp-l@Lehigh.EDU
Subject: [25303] Altoids Big Tin!?

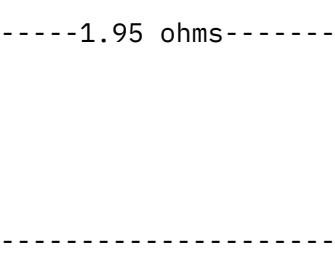
Message-ID: <v02140b01b0226c547c9e@[198.95.203.216]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Excuse if this is old news, but someone at work here just came up to me and said, "Hey! Want an Altoids?" He then proceeded to produce a _GIANT_ Altoids tin! It could easily hold twelve smaller tins! Anyone else seen these? You could
put a whole station inside of one!

73, KF6IHU

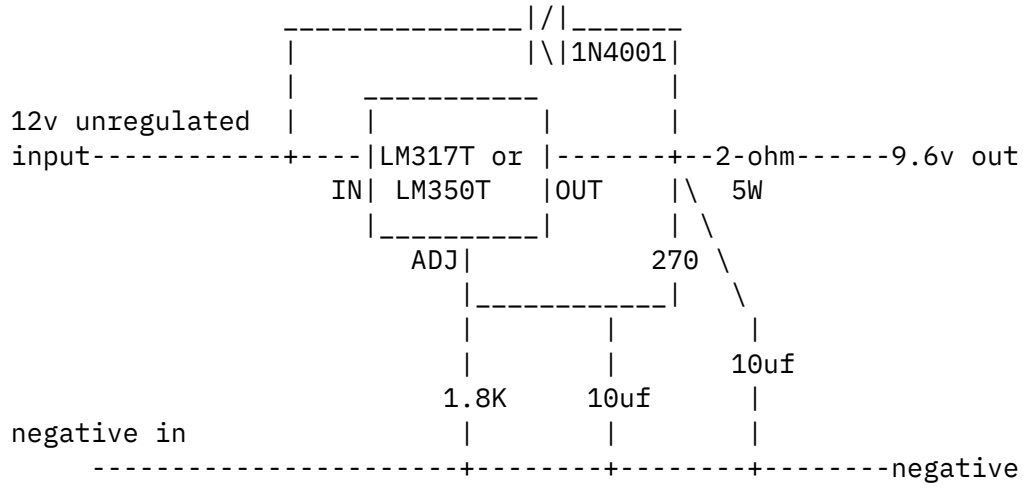
Date: 21 Aug 1997 18:20:17 -0400
From: Glen Leinweber <leinwebe@mcmail.CIS.McMaster.CA>
To: qrp-l:;
Subject: [25304] 9v Alkaline battery equivalent
Message-ID: <1997Aug21.182017-0400@[130.113.234.7]>

Gang,
     Some are using 9v batteries to power small rigs. Had occasion to evaluate one of these 9v Alkaline batteries - the one tested was a "Procell" by Duracell. Apart from the discharge curve (that gives you the ampere-hour rating), was curious what the short-term equivalent looked like.
     The Thevenin equivalent came out like this:



The battery was tested up to a 3 amp load, and the series equivalent resistor was fairly linear and close to 1.95 ohms. This was a fairly fresh battery - don't know how this series resistance might change as it discharges.
     Another battery battered to death;-)

Here's a circuit to simulate the Thevenin circuit
above, using a 12v / 0.8amp wall-wart for power. You
could leave off the 2-ohm resistor if you want a
well-regulated 9.6 volt supply. Or replace it with
a silicon diode like a 1N4001 if you want output
close to 9.0 volts.



The LM350T current limits @ about 4amps, the LM317 current
limits about 2 amps. Your wall-wart may run out of steam
before the regulator current limiting begins. Heat sink the
LM317 with at least one of those bolt-on U-type aluminium
finned heatsinks. Looking at the front of the LM317T/LM350T,
with legs down, the ADJ pin is on the left, OUT is center,
IN is on the right.
The 2-ohm resistor, if you include it should be at
least 5 watts, preferrably 10 watts.
Glen VE3DNL   leinwebe@mcmail.mcmaster.ca

End of QRP-L Digest 825
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